R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2942	038	01 22 76	26AC	3623	7549

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0004	06	06	07	005	X	NW	30

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	S	FT	151	—	12	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00009	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 23′	75° 49′	1709	3038	4		1229	1230
							PU	ON
FINISH	36 25′	75° 49′	1727	3042	4		1300	1304

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200 / 5 =	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

~~3H5~~ unreliable

OBSERVATIONS

Positive identification - one adult Alewife
Thrown overboard by mistake - no sex or
length

1 Alew
2 BB
6 Am. Shad.

26AC

R/V DAN MOORE SPECIES LIST

STA. NO. 2942 DATE JAN 22 1976 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 9.4 AIR 7 SURFACE 6.1 BOTTOM 6.1

SAMPLE WT. 9.4 RAISING FACTOR 0

11

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Anchoa hepsetus		Numerous	1.3		<0.1	
Synodus foetens		1	2.5		2.5	TL 463
Micropogon undulatus	C	3	1		.3	TL
	NC	10	1.2		0.1	
Brevoortia tyrannus		17	1.8		0.1	TL
Alosa pseudoharengus		1	0.5		0.5	NO Length
Alosa aestivalis		2	small		<0.1	
Opisthonema oglinum		6	0.3		<0.1	
Leiostomus xanthurus		9	.3		<0.1	* Alosa sp. Small of present numerous
Cynoscion regalis	NC	2	.2		0.1	
Alosa sapidissima		6	.3		<0.1	imm ♂ 108 imm ♂ 116 imm ♂ 116 im ♂ 108 imm ♂ 97 imm ♂ 98
A. aestivalis		UNIC	1 78 2 80			

Digitized by the Internet Archive
in 2017 with funding from
IMLS LG-70-15-0138-15

https://archive.org/details/danmoore294200unse

Species: *Alosa pseudoharengus* (alewife)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Scale-cards	Age	Gonad Stage	Station Number	Remarks
1	248	♀						I	2932	
2	241	♀						III	2934	
3	No Length	♂							2942	
4	262	♂							2943	
5	[illegible]4	♀						I	2945	
6	238	♀						I	-	
7	246	♀						III	-	
8	247	♂							-	
9	245	♂							-	
10	245	♂							-	
11	247	♂							-	
12	265	♀						III	[illegible]	
13	255	♀						II	2948	
14	244	♀						II	-	
15	106	♂						IMM	-	
16	111	♀						IMM	-	
17	121	♀						IMM	-	
18	111	♀						IMM	-	
19	110	♀						IMM	-	
20	105	UNK						IMM	-	
21	97	UNK						IMM	-	
22	108	UNK						IMM	-	
23	104	UNK						IMM	-	
24	87	UNK						IMM	-	
25	103	♀						IMM	-	
26	94	UNK						IMM	-	
27	95	UNK						IMM	-	
28	93	UNK						IMM	-	
29	227	♂						IMM	2949	
30	265	♂							-	
31	274	♀						II	-	(b)
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. festivalis

STATION: 2942

DATE: 1/22/76

LOCALITY: 26AC

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk
50-59.9					550-			
60-					560-			
70-			1		570-			
80-			1		580-			
90-					590-			
100-					600-			
110-					610-			
120-					620-			
130-					630-			
140-					640-			
150-					650-			
160-					660-			
170-					670-			
180-					680-			
190-					690-			
200-					700-			
210-								
220-								
230-					TOTAL			2
240-								
250-								
260-								
270-								
280-								
290-								
300-								
310-								
320-								
330-								
340-								
350-								
360-								
370								
380-								
390-								
400-								
410-								
420-								
430-								
440-								
450-								
460-								
470-								
480-								
490-								
500-								
510-								
520								
530-								
540-								

N = 2

RANGE UNK 78 - 80

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *A. sapidissima*

DATE: 1/22/76

STATION: 2942

LOCALITY: 26 AC

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-	2				590-				
100-	2				600-				
110-	2				610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL	6			
240-									
250-									
260-									
270-									
280-						n= 6			
290-									
300-						Range ♂		98-116	
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

Species: *Alosa aestivalis*

Specimen Number	FL.	Sex	Otoliths	Gonads	Fecundity	Scale-cards	Age	Gonad Stage	Station Number	Remarks
401	60	UNK						IMM	2940	
2	72	–						–	–	
3	75	–						–	–	
4	76	–						–	–	
5	69	–						–	–	
6	76	–						–	–	
7	78	–						–	–	
8	79	–						–	–	
9	72	–						–	–	
10	78	–						–	–	
11	73	–						–	–	
12	77	–						–	–	
13	62	–						–	–	
14	NO LENGTH	–						–	–	
15	"	–						–	–	
16	"	–						–	–	
17	78	–						–	2942	
18	80	–						–	–	
19	253	♂							2944	
20	257	♂							–	
21	253	♀						I	–	
22	251	♂							–	
23	248	♀						IMM	–	
24	251	♀						I	–	
25	246	♂						–	–	
26	222	♀						IMM	–	(1)
27	264	♀						I	–	
28	267	♂							–	
29	294	♀						I	–	
30	281	♀						IMM	–	
31	271	♀						I	–	
32	247	♀						I	–	
33	197	♂						IMM	–	
34	203	♀						IMM	–	
35	225	♀						IMM	–	
36	275	♀						I	–	
37	277	♀						I	–	
38	256	♂							–	
39	241	♂							–	
40	235	♀						IMM	–	
41	203	♂						IMM	–	
42	206	♀						IMM	–	
43	177	♀						IMM	–	
44	191	♀						IMM	–	
45	235	♀						I	–	
46	214	♀						IMM	–	
47	211	♂						IMM	–	
48	175	♂						IMM	–	
49	193	♂						IMM	–	
450	236	♀						I	–	

Species: *Alosa sapidissima* (Am. shad)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad Stage	Station Number	Remarks
1	105	♂	–	–	–	–	–	IMM	2930	
2	132	♀	–	–	–	–	–	IMM	–	
3	142	♀	–	–	–	–	–	IMM	–	
4	112	♀	–	–	–	–	–	IMM	–	
5	105	♀	–	–	–	–	–	IMM	2931	
6	117	♂						IMM	2932	
7	110	♂						–	–	
8	105	♀						–	–	
9	97	♂						–	–	
10	112	♂						–	–	
11	121	♂						–	–	
12	108	♀						–	–	
13	112	♂						–	2934	
14	104	♂						–	–	
15	246	♂						–	2936	
16	123	♀						–	2939	
17	140	♀						–	2940	
18	144	♀						–	–	
19	108	♂						–	2942	
20	116	♂						–	–	
21	116	♂						–	–	
22	108	♂						–	–	
23	97	♂						–	–	
24	98	♂						–	–	
25	450	♂							2945	
26	248	♂						IMM	–	
27	164	♂						IMM	–	
28	161	♀						IMM	–	
29	220	♂							2948	(9)
30	134	♀						IMM	–	
31	110	♂						IMM		
32	102	♂						IMM	–	
33	138	♀						IMM	–	
34	118	♂						IMM	–	
35	123	♂						IMM	–	
36	127	♂						IMM	–	
37	131	♀						IMM	–	
38	135	♀						IMM	–	
39	122	♂						IMM	–	
40	118	♀						IMM	–	
41	123	♂						IMM	–	
42	126	♂						IMM	–	
43	134	♂						IMM	–	
44	175	♀						IMM	–	
45	124	♂						IMM	–	
46	141	♀						IMM	–	
47	137	♀						IMM	–	
48	124	♂						IMM	–	
49	116	♂						IMM		
50	132	♂						IMM		